



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

A description of a Bridg that may be built 70 foot long without any pillar under it, taken out of the Journal of the Philosophical Society of Oxford.

A Timber *Bridge* may be built 70 foot long or somewhat more without any *Pillar* under it, which may be useful in some places where *Pillars* cannot conveniently be built: It may consist of two such *Arches* of Timber, as that which is represented in the Figure, wherein in AC and BO are Beams 28 foot long, and AB is 32 foot long. Under the Angles are set 2 large Braces EL and SR. At each end is a wall, on which are laid two Beams BH and AD, each 20 foot long; under these are 2 Braces DE and RH. There may also be Braces at the ends of the Arches, that may be obliquely cross the Bridge. It may be laid with Planks and railed. Behind the walls are Causcys FD and HN. The Length of the *Bridge* CMO is 70 foot; the Height KM is 19 foot.

Observations